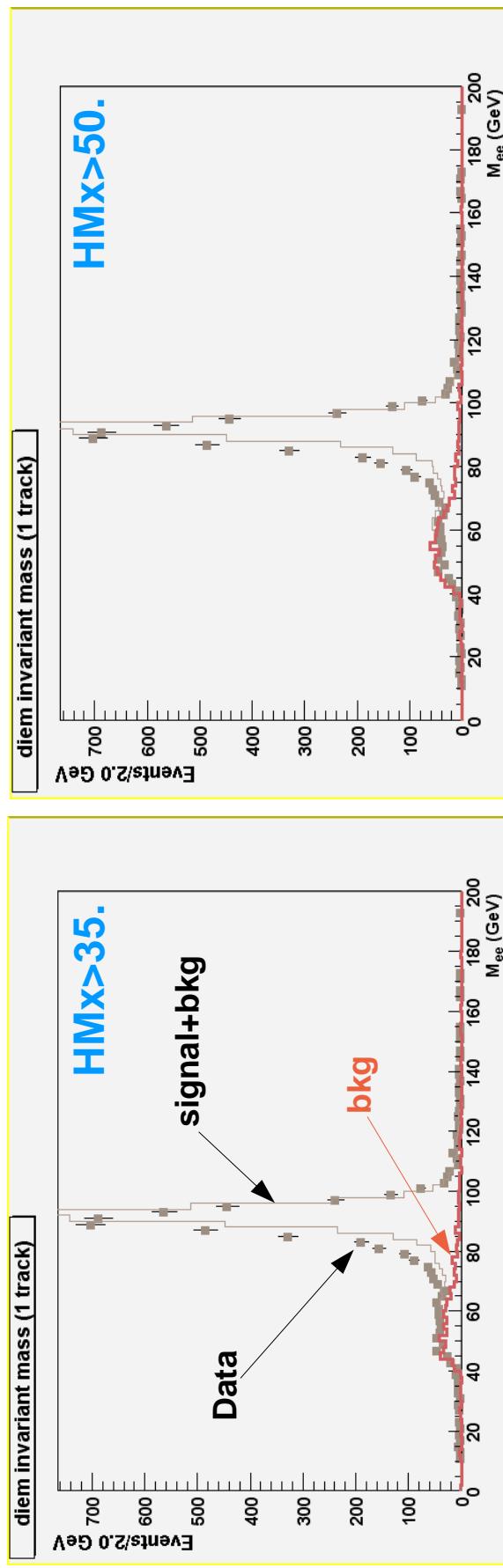


Background from QCD at WZgroup

Method: Fitting the diem invariant mass distribution to a linear combination of a signal shape, obtained from Z/Gamma* events generated with Pythia, and a background shape determined from data based on 'anti-electron cut' ($\text{HMx}>35.$ and $\text{HMx}>50.$).

Calculate the chisquare between the diem invariant mass distribution and the lin.comb. of the signal shape and background shape.
Then use ROOTs TMinuit class (Minimisation package) to minimize the chisquare (MIGRAD min. Algorithm).



of S = 3853 +- 63 # of S = 3860 +- 63

